CLAIMS

What is claimed is:

5   1.   A method of geo-casting a message to a plurality of recipients each having an address and a known geographic location, comprising:

reporting the locations and addresses of the plurality of recipients to a geospatial database;

designating a geographic region by reference to a structure within the
10   geographic region;

determining the addresses of the recipients that are located within the geographic region by using the geospatial database to compare the reported locations of the recipients with the reference to the structure; and

targeting the message to the addresses of each of the recipients having
15   locations within the geographic region.

2.   The method according to claim 1, wherein the identifying the recipients further comprises accessing a geospatial database and comparing the locations of the recipients and the designated geographic region.

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3.   The method according to claim 1, further comprising
specifying a delivery method; and
transmitting the message according to the specified delivery method.

25   4.   The method according to claim 1, wherein at least one of the recipients is mobile relative to the geographic region.

5.   The method according to claim 1, wherein the identifying the recipients further comprises operating a computer at an OSI application level.

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6.   The method according to claim 1, wherein the transmitting the message further comprises serially unicasting the message.

7.	The method according to claim 6, wherein the transmitting the message further comprises requesting a reply, whereby recipients which do not receive the message may be identified.

5	8.	The method according to claim 1, further comprising the address of at least one of the recipients being a wide area network address and changing the wide area network address of the recipientto dynamically obtaining a new wide area network address due to movement of the recipient.

10	9.	The method according to claim 1, further comprising determining whether an event has occurred and, if the event has occurred, then transmitting the message being made in response to the event.

10.	The method according to claim 9, wherein the event further

15	comprises a reported location being across a border, the message being a border crossing warning, the geographic destination designator designating within a predetermined distance from the border.

11.	The method according to claim 1, wherein the message

20	further comprises commercial information.

12. A telecommunication system comprising:

a network;

a transmitter connected to the network;

a memory containing a geospatial database and in communication

5   with the transmitter;

a plurality of receivers including at least one mobile receiver, each of the plurality of receivers including an address and a location and reporting the address and the location to the geospatial database; and

the transmitter receiving a message and a geographic destination

10 designator designating a geographic destination for the message, accessing the geospatial database to identify the addresses of the receivers in the geographic destination and targeting the message to the identified receivers at their reported address.

15   13. The telecommunication system according to claim 12, further comprising the transmitter receiving a delivery method designator associated with the message and transmitting the message according to the designated delivery method.

20   14. The telecommunication system according to claim 12, further comprising the transmitter operating at an a OSI pplication layer.

15. The telecommunication system according to claim 12, further comprising the transmitter transmitting the message as a series of unicast

25 messages to the identified receivers.

16. The telecommunication system according to claim 12, further comprising the message including a reply request, and wherein any one of the receivers that does not respond to the reply request may be identified.

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17. The telecommunication system according to claim 12, further comprising the address of at least one of the receivers comprising a wide area network address which changes.

18.   The telecommunication system according to claim 12, further comprising a processor for determining whether an event has occurred and, if the event has occurred, sending the message and geographic destination designator

5   to the transmitter

19.   The telecommunication system according to claim 18, wherein the event further comprises a reported location being across a border, the border defining a boundary for the locations of the receivers, the message

10   being a border crossing warning, and the geographic destination designator designating across the border.

20.   The telecommunication system according to claim 12, wherein the message further comprises commercial information.

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21.   The telecommunication system according to claim 12, further comprising an intelligent agent operating within the network to access the geospatial database to identify the addresses of the receivers in the geographic destination.

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22.   A telecommunication system comprising:

a network;

a transmitter connected to the network;

a memory containing a geospatial database and in communication

5   with the transmitter;

a plurality of receivers including at least one mobile receiver, each of the plurality of receivers including an address and a location and reporting the address and the location to the geospatial database, at least one of the addresses being a wide area network address which changes; and

10   the transmitter operating at an OSI application level to receive a message and a geographic destination designator designating a geographic destination for the message, to access the geospatial database to identify the addresses of the receivers in the geographic destination, to target the message to the identified receivers at their reported address, and to transmit the message

15   as a series of unicast messages to the identified receivers.